

Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 22, 1959

Reports for the current week have not been received from 3 States—Montana, Nevada, and Utah. Consequently, national totals for the current week are correspondingly low.

The 4 cases of encephalitis reported in Arkansas include 2 classified as arthropod-borne encephalitis.

The total of reported cases of poliomyelitis for the week ended August 22 is 484 cases, of which 284 are paralytic. For the previous week, the total was 476, of which 279 were paralytic, and for the week ended August 23, 1958, there was a total of 309 cases, 144 being paralytic. By geographic division, there was a substantial increase in paralytic cases compared with last week's figures in the Pacific Division and a slight increase in the New England Division. The other areas reported about the same numbers or slightly less than last week. The case reported in Maine for the current week is the first reported there this year.

Additional information from several States shows that 6 of the 15 cases reported for the current week in Alabama occurred in Jefferson County and 2 in Jackson County; the rest were scattered. The 20 cases reported in Minnesota occurred in 14 counties, the largest number of cases in any one county being 3 each in Koochiching and St. Louis Counties. Fourteen of the 22 cases in California were reported from Los Angeles County. Three of the cases reported in North Carolina had onset during May and June and 3 during July. The majority of cases, so far reported as unspecified, in the State of Washington have been in King County. Minnesota reported 2 deaths and Indiana 1.

Incidence of paralytic poliomyelitis continues to increase in Canada according to the Dominion Bureau of Statistics, 93 cases being reported for the week ended August 8, as compared with 45 for the previous week. The statement is made that

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Table 1. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

DISEASE (Seventh Revision of International Lists, 1955)	33d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Aug. 22, 1959 ¹	Ended Aug. 23, 1958	Median 1954-58	First 33 weeks			Since seasonal low week			
				1959 ¹	1958	Median 1954-58	1958-59 ¹	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	2 ¹	2	-	12	11	14	(3)	(3)	(3)	(3)
Botulism-----049.1	-	-	-	12	3	6	(3)	(3)	(3)	(3)
Brucellosis (undulant fever)-----044	14	20	20	500	528	657	(3)	(3)	(3)	(3)
Diphtheria-----055	10	5	22	472	385	868	84	63	130	July 1
Encephalitis, infectious-----082	59	77	48	1,118	1,179	1,082	537	585	479	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	389	278	278	14,417	9,850	13,260	19,834	14,169	21,169	Sept. 1
Malaria-----110-117	1	4	11	48	45	144	(3)	(3)	(3)	(3)
Measles-----085	1,244	1,779	1,371	361,032	703,284	557,790	412,421	701,724	587,559	Sept. 1
Meningococcal infections-----057	22	42	42	1,541	1,688	1,836	2,404	2,697	2,803	Sept. 1
Meningitis, other-----340	4182	90	-	2,664	1,963	-	-	-	-	-
Poliomyelitis-----080	484	309	944	3,434	1,902	7,929	3,166	1,715	6,950	Apr. 1
Paralytic-----080.0, 080.1	284	144	375	2,121	928	3,704	1,934	825	3,173	Apr. 1
Nonparalytic-----080.2	153	122	377	929	698	2,886	884	639	2,624	Apr. 1
Unspecified-----080.3	47	43	192	384	276	1,339	348	251	1,153	Apr. 1
Psittacosis-----096.2	2	5	5	77	105	194	(3)	(3)	(3)	(3)
Rabies in man-----094	-	-	-	3	2	4	(3)	(3)	(3)	(3)
Typhoid fever-----040	21	31	46	476	611	1,040	352	445	750	Apr. 1
Typhus fever, endemic-----101	2	1	1	27	48	76	21	37	55	Apr. 1
Rabies in animals-----	78	86	79	2,527	3,134	3,280	3,418	4,032	4,380	Oct. 1

¹Data exclude reports from Montana, Utah, and Nevada.

²Reported in New Jersey.

³Data show no pronounced seasonal change in incidence.

⁴Includes 48 cases of aseptic meningitis; see footnotes to table 2.

incidence is rising earlier than in 1957 and 1958. Of 61 cases reported in the Province of Quebec up to August 1, 36 occurred in Montreal and the surrounding area.

EPIDEMIOLOGICAL REPORTS

Influenza

The World Health Organization, Geneva, states that the influenza epidemic in Costa Rica which began in mid-May continues to increase. It is estimated that about 50 percent of the population is affected. A total of 8,269 persons have been hospitalized or have received medical treatment during the 4 weeks ending August 2. The responsible strain of virus has not yet been isolated.

An epidemic of influenza occurred during June in a boys' institute at Merauke, New Guinea. Serological examination revealed type B influenza.

Aseptic meningitis

The West Virginia communicable disease report for the week ended August 15 states that more than 80 cases of aseptic meningitis have been reported in McDowell County during the past 3 weeks. Almost all the cases have been in children. The usual symptoms are pharyngitis, fever of 102°-103° F., very severe headache, and vomiting; specimens of spinal fluid show relatively high cell counts. Recovery occurs within 4 or 5 days. Results of laboratory tests are not yet available.

Trichinosis

Dr. James R. Enright, Hawaii Department of Health, reported that 8 persons became ill with trichinosis after eating raw hog liver and flesh. A biopsy specimen from one of the individuals was positive for Trichinella. Other persons ate meat from the same animal after cooking it and did not become ill. The hog was purchased from an individual who raised the animals in his backyard, and it was slaughtered at the home of one of the victims.

Staphylococcal food poisoning

Dr. Patricia K. Conlan, Kentucky State Department of Health, reported that an outbreak of 29 cases of food poisoning in eastern Kentucky has been traced to a staphylococcal contamination of whipped oleomargarine. Nineteen cases occurred in one county on August 5 and 6 and 10 cases in another county on August 4. Several other cases of food poisoning in 2 other counties are suspected of being caused by the same product. It was reported that evidently some consumers were not aware that the product required refrigeration and that those affected had not refrigerated it.

Dr. James H. Fagan, Lexington-Rockbridge (Virginia) Health Department, reported that 2 men became ill several hours after eating sandwiches purchased from a crossroads store. Each person reportedly ate sandwiches containing egg salad, ham salad, and fresh ham or pork. One of each type of sandwich from the store was examined in a laboratory, and hemolytic coagulase-positive Staphylococcus aureus was demonstrated in the pork sandwich.

The California State Department of Public Health reported 6 outbreaks of staphylococcal food poisoning. In each instance, coagulase-positive staphylococci were isolated from samples of the suspect food or foods. One outbreak followed a gathering of some 300 persons, but only 4 persons became ill. The source of infection was a custard cake purchased from a bakery. Staphylococci were also isolated from samples of hard-boiled

eggs and ham products, but 1 person who became ill had eaten only the cake. The other 5 outbreaks occurred in private homes, with 3 to 5 cases in each instance. The suspect food items were cream and custard filled cakes, banana cream pie, rum cake, and "Mexican type" fresh cheese. The cakes and pie were commercially prepared. The cheese was prepared from raw milk in a private home and then sold through a store. The site of preparation had not been inspected by State authorities, but since this outbreak operations have been suspended. Numerous coliform organisms, Bacillus subtilis and molds, as well as staphylococci, were isolated from samples of the cheese.

Chemical and noxious food poisoning

The Los Angeles County Health Department reported 2 instances of poisoning caused by copper salts in water. In the first report, 3 persons became ill with dizziness, nausea, vomiting, and abdominal cramps shortly after drinking water from a fountain. The water was from the local city water supply. It ran through copper tubing into the fountain and through the refrigeration unit. Analysis of the water revealed copper carbonate present in amounts sufficient to cause illness. In the other report, 4 persons became ill with nausea, 1 with vomiting also, after drinking a soft drink mixture in a restaurant. It was thought a defective check valve permitted carbon dioxide gas to back up into copper water lines, producing copper salts.

Dr. Tartakow, Nassau County (New York) Health Department, reported that 2 persons became ill with vomiting immediately after drinking an orange drink made with water from a "dead end" water line. The water smelled of chlorine, and it was thought that probably the excessive chlorine content of this water caused the illness.

F. A. Listick, Los Angeles City Health Department, reported that 2 children, both under 5 years of age, became ill after apparently picking "mushrooms" from a yard and eating them. Several hours after ingestion, both children complained of dizziness and had dilated pupils. Vomiting began about 2 hours later. They recovered after treatment.

Gastroenteritis

Dr. Tartakow, Nassau County (New York) Department of Health, reported 5 outbreaks of food poisoning with etiology unknown. Three of the outbreaks followed meals in public eating establishments, but only a few persons were ill in each instance. In one of these the suspect food was steamed clams, but inspection revealed that the shellfish was purchased from authorized sources and it was thought that possibly leftover clams were served. The vehicles of infection for the other 2 outbreaks in which food was eaten in restaurants were not determined. The fourth outbreak followed a birthday at which food was kept on a buffet table without refrigeration for a period of 5 hours. Twenty-two persons became ill. The buffet consisted of various meats, salads, and cake with whipped cream. In the fifth outbreak, occurring in a private home, ham was the suspect food. It had remained at room temperature for 6 hours. No pathogenic organisms were found in stool specimens of the victims.

The California State Department of Public Health supplied information on 6 outbreaks of gastroenteritis, 4 occurring in private homes and 2 following meals in restaurants. In one of the restaurant-related outbreaks, roast turkey and dressing was the food vehicle, but no Salmonella or related organisms were found by laboratory examination. Illness began from 10 to 12 hours after eating. In the other outbreak the incubation period ranged from 1 to 48 hours, but most cases developed about 13

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 23, 1958, AND AUGUST 22, 1959

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (undulant fever)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		33d week		Cumulative first 33 weeks		082		33d week		Cumulative first 33 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	14	20	10	5	472	385	59	77	389	278	14,417	9,850
NEW ENGLAND-----	1	-	-	-	5	5	2	2	9	12	459	364
Maine-----	-	-	-	-	-	-	-	-	-	-	80	49
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	13	2
Vermont-----	-	-	-	-	-	-	-	-	-	-	22	13
Massachusetts-----	1	-	-	-	5	4	1	1	4	5	205	177
Rhode Island-----	-	-	-	-	-	-	-	1	1	2	3	44
Connecticut-----	-	-	-	-	-	1	-	-	3	4	95	75
MIDDLE ATLANTIC-----	1	1	-	-	42	30	14	4	57	30	2,174	1,244
New York-----	-	-	-	-	21	15	12	4	33	18	1,290	849
New Jersey-----	-	1	-	-	9	1	1	-	2	3	243	101
Pennsylvania-----	1	-	-	-	12	14	1	-	22	9	641	294
EAST NORTH CENTRAL-----	2	2	-	-	22	29	25	31	82	55	2,389	1,768
Ohio-----	-	-	-	-	7	6	13	8	19	9	703	559
Indiana-----	-	-	-	-	3	13	10	-	7	4	225	165
Illinois-----	2	1	-	-	8	4	1	22	13	12	493	433
Michigan-----	-	1	-	-	2	5	1	1	42	13	827	486
Wisconsin-----	-	-	-	-	2	1	-	-	1	17	141	125
WEST NORTH CENTRAL-----	7	11	-	-	37	72	3	9	45	14	1,136	858
Minnesota-----	-	2	-	-	18	30	-	-	26	-	287	114
Iowa-----	4	9	-	-	3	13	-	-	4	2	108	153
Missouri-----	-	-	-	-	3	13	-	-	6	7	323	167
North Dakota-----	-	-	-	-	2	3	-	9	-	3	219	145
South Dakota-----	-	-	-	-	3	5	-	-	7	1	17	10
Nebraska-----	-	-	-	-	8	8	-	-	1	1	54	56
Kansas-----	3	-	-	-	-	-	3	-	1	-	128	213
SOUTH ATLANTIC-----	-	-	4	3	119	103	5	7	17	21	1,282	729
Delaware-----	-	-	-	-	-	-	-	-	1	2	80	36
Maryland-----	-	-	-	-	7	3	4	1	5	-	305	82
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	12	12
Virginia-----	-	-	1	-	8	15	-	-	3	9	275	178
West Virginia-----	-	-	-	-	1	9	1	-	3	3	235	111
North Carolina-----	-	-	2	-	11	13	-	2	1	-	73	39
South Carolina-----	-	-	-	2	12	13	-	1	-	-	23	36
Georgia-----	-	-	1	-	39	29	-	3	-	2	101	76
Florida-----	-	-	1	-	41	21	-	-	4	5	178	159
EAST SOUTH CENTRAL-----	2	-	1	-	52	33	4	-	39	19	1,270	848
Kentucky-----	-	-	-	-	7	4	1	-	29	8	606	396
Tennessee-----	1	-	-	-	5	4	2	-	8	9	288	227
Alabama-----	1	-	1	-	10	16	1	-	2	1	278	172
Mississippi-----	-	-	-	-	30	9	-	-	-	1	98	53
WEST SOUTH CENTRAL-----	1	3	2	-	170	79	4	5	25	46	1,138	804
Arkansas-----	-	2	-	-	34	12	4	1	4	-	56	80
Louisiana-----	-	-	-	-	41	6	-	-	-	1	97	7
Oklahoma-----	-	1	-	-	2	22	-	2	6	2	161	111
Texas-----	1	-	2	-	93	39	-	2	15	43	824	606
MOUNTAIN ¹ -----	-	2	1	2	15	28	1	3	30	31	1,943	1,324
Montana-----	-	-	-	-	1	7	-	1	-	3	185	259
Idaho-----	-	-	-	-	-	1	-	-	5	2	199	105
Wyoming-----	-	-	-	-	-	2	1	-	-	3	46	6
Colorado-----	-	-	1	2	5	7	-	-	11	10	601	158
New Mexico-----	-	-	-	-	8	9	-	-	6	4	380	244
Arizona-----	-	-	-	-	1	2	-	1	8	8	383	327
Utah-----	-	2	-	-	-	-	-	-	-	-	1130	127
Nevada-----	-	-	-	-	1	-	-	1	-	1	119	98
PACIFIC-----	-	1	2	-	10	6	1	16	85	50	2,626	1,911
Alaska-----	-	-	2	-	3	-	-	-	7	-	30	(66)
Washington-----	-	-	-	-	-	-	-	-	15	3	352	313
Oregon-----	-	-	-	-	3	2	-	-	13	14	525	262
California-----	-	1	-	-	4	4	1	16	50	33	1,719	1,336
Hawaii-----	-	-	-	-	2	-	-	-	-	2	32	48
Puerto Rico-----	-	-	-	-	20	31	-	-	11	-	199	99

¹Data exclude reports from Montana, Utah, and Nevada for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 23, 1958, AND AUGUST 22, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080										MEASLES	
	Total ²				Paralytic 080.0,080.1				Nonparalytic		085	
	33d week		Cumulative first 33 weeks		33d week		Cumulative first 33 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	484	309	3,434	1,902	284	144	2,121	928	153	122	1,244	1,779
NEW ENGLAND-----	19	12	95	43	16	2	63	21	2	8	63	84
Maine-----	1	-	1	2	1	-	1	2	-	-	14	3
New Hampshire-----	-	3	1	4	-	-	-	-	-	3	7	-
Vermont-----	-	-	1	2	-	-	1	1	-	-	18	6
Massachusetts-----	3	4	24	11	3	-	17	3	-	2	19	48
Rhode Island-----	-	-	2	2	-	-	2	2	-	-	-	-
Connecticut-----	15	5	66	22	12	2	42	13	2	3	5	27
MIDDLE ATLANTIC-----	44	55	203	210	18	31	115	118	17	14	154	289
New York-----	24	22	124	97	10	13	71	56	5	9	120	120
New Jersey-----	8	21	34	85	3	8	18	39	5	3	26	76
Pennsylvania-----	12	12	45	28	5	10	26	23	7	2	8	93
EAST NORTH CENTRAL-----	63	136	380	400	28	56	163	165	31	58	272	445
Ohio-----	19	19	115	71	9	6	48	15	8	3	31	81
Indiana-----	12	14	58	32	6	4	34	16	4	5	16	13
Illinois-----	4	13	61	51	-	1	28	14	4	11	67	112
Michigan-----	26	85	129	224	11	43	42	111	15	38	56	118
Wisconsin-----	2	5	17	22	2	2	11	9	-	1	102	121
WEST NORTH CENTRAL-----	102	23	750	101	48	11	372	42	40	12	54	39
Minnesota-----	20	4	71	9	17	-	56	3	3	4	7	-
Iowa-----	41	1	260	21	11	-	109	4	23	1	5	21
Missouri-----	21	7	224	25	10	4	134	17	7	3	-	6
North Dakota-----	2	11	3	18	-	7	-	13	2	4	31	10
South Dakota-----	3	-	8	6	-	-	-	1	-	-	10	2
Nebraska-----	8	-	89	10	6	-	50	2	2	-	1	-
Kansas-----	7	-	95	12	4	-	23	2	3	-	(*)	(*)
SOUTH ATLANTIC-----	72	32	527	363	53	15	386	162	18	12	118	244
Delaware-----	-	1	4	11	-	1	4	5	-	-	2	2
Maryland-----	2	2	7	5	2	2	7	5	-	-	22	9
District of Columbia-----	1	-	3	5	1	-	3	3	-	-	6	4
Virginia-----	22	7	126	54	16	5	85	39	6	2	61	154
West Virginia-----	13	9	49	50	10	2	36	27	3	4	21	42
North Carolina-----	18	4	107	57	13	2	91	16	5	2	1	8
South Carolina-----	6	1	32	11	4	-	17	6	2	-	-	8
Georgia-----	8	1	71	22	6	-	54	15	2	1	-	6
Florida-----	2	7	128	148	1	3	89	46	-	3	5	11
EAST SOUTH CENTRAL-----	54	11	369	157	43	4	286	54	11	5	62	181
Kentucky-----	8	1	30	23	7	1	27	16	1	-	10	56
Tennessee-----	29	5	136	47	23	5	108	14	6	1	49	104
Alabama-----	15	-	142	21	13	-	120	19	2	-	1	4
Mississippi-----	2	5	61	66	-	-	31	5	2	4	2	17
WEST SOUTH CENTRAL-----	66	23	695	356	43	16	463	211	20	7	185	133
Arkansas-----	17	2	153	11	16	2	131	9	1	-	1	2
Louisiana-----	4	5	84	38	2	4	60	27	2	1	-	-
Oklahoma-----	18	2	100	39	10	1	53	12	5	1	4	7
Texas-----	27	14	358	268	15	9	219	163	12	5	180	124
MOUNTAIN ¹ -----	9	8	95	100	2	4	52	53	7	3	86	193
Montana-----	-	4	14	40	-	3	11	30	-	1	-	7
Idaho-----	-	1	5	5	-	-	-	-	-	-	2	16
Wyoming-----	-	1	2	3	-	-	1	1	-	1	1	1
Colorado-----	2	-	9	9	2	-	8	8	-	-	55	70
New Mexico-----	1	1	24	21	-	-	11	7	1	1	19	27
Arizona-----	6	1	47	14	-	1	30	5	6	-	9	50
Utah-----	-	-	12	6	-	-	1	2	-	-	-	20
Nevada-----	-	-	12	2	-	-	1	-	-	-	-	2
PACIFIC-----	55	9	320	172	33	5	221	102	7	3	250	171
Alaska-----	1	-	10	(1)	1	-	7	(1)	-	-	48	(78)
Washington-----	15	1	50	14	-	-	-	3	-	-	7	42
Oregon-----	17	3	63	19	12	1	47	12	5	2	49	30
California-----	22	5	197	139	20	4	167	87	2	1	146	99
Hawaii-----	-	2	4	55	-	2	4	55	-	-	4	7
Puerto Rico-----	-	3	3	50	-	3	3	47	-	-	22	47

¹Data exclude reports from Montana, Utah, and Nevada for the current week.²Includes cases not specified by type, category number 080.3.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 23, 1958, AND AUGUST 22, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

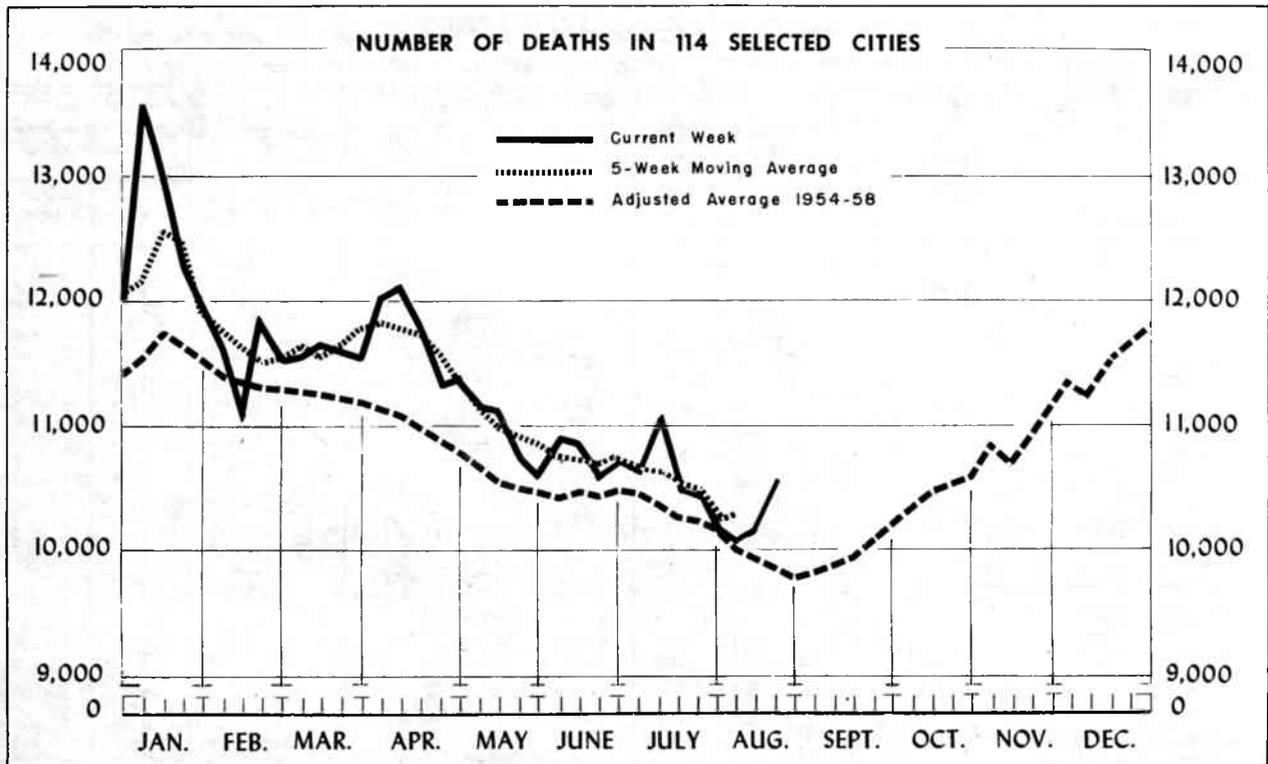
AREA	MALARIA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	110-117	057		340	096.2	33d week		Cumulative first 33 weeks		101	1959	1958
	1959	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES ¹ -----	1	22	42	182	2	21	31	476	611	2	78	86
NEW ENGLAND-----	-	1	1	13	-	-	2	10	11	-	-	-
Maine-----	-	-	-	-	-	-	-	1	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	3 ₃	-	-	-	-	-	-	-	-
Massachusetts-----	-	1	1	10	-	-	-	3	5	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	1	-	-	-	-
Connecticut-----	-	-	-	-	-	-	2	5	4	-	-	-
MIDDLE ATLANTIC-----	-	2	6	5	1	4	4	44	72	-	20	19
New York-----	-	1	2	-	-	3	2	17	23	-	20	17
New Jersey-----	-	-	1	3 ₅	-	1	-	8	15	-	-	-
Pennsylvania-----	-	1	3	-	1	-	2	19	34	-	-	2
EAST NORTH CENTRAL-----	-	8	14	41	-	1	5	64	53	-	4	9
Ohio-----	-	-	1	17	-	1	1	36	19	-	-	-
Indiana-----	-	2	1	5	-	-	2	8	9	-	1	5
Illinois-----	-	4	4	10	-	-	1	12	10	-	1	1
Michigan-----	-	2	5	5	-	-	1	7	9	-	2	1
Wisconsin-----	-	-	3	3 ₄	-	-	-	1	6	-	-	2
WEST NORTH CENTRAL-----	-	3	2	5	-	2	3	31	51	-	18	17
Minnesota-----	-	2	-	1	-	-	-	-	3	-	6	9
Iowa-----	-	-	-	4 ₄	-	-	1	1	9	-	6	3
Missouri-----	-	1	1	-	-	-	1	12	24	-	4	2
North Dakota-----	-	-	1	-	-	2	-	4	1	-	-	-
South Dakota-----	-	-	-	-	-	-	1	3	6	-	-	-
Nebraska-----	-	-	-	-	-	-	-	4	2	-	2	3
Kansas-----	-	-	-	-	-	-	-	7	6	-	-	-
SOUTH ATLANTIC-----	1	1	11	29	-	7	3	83	112	-	5	12
Delaware-----	-	-	-	-	-	-	-	-	5	-	-	-
Maryland-----	-	-	1	-	-	1	-	3	5	-	-	-
District of Columbia-----	-	-	2	-	-	-	-	2	6	-	-	-
Virginia-----	-	1	5	8	-	-	2	17	22	-	1	6
West Virginia-----	-	-	-	16	-	5	-	9	13	-	1	4
North Carolina-----	-	-	4	-	-	-	-	6	14	-	-	-
South Carolina-----	-	-	-	1	-	-	-	7	8	-	-	-
Georgia-----	-	-	1	1	-	1	-	18	23	-	1	2
Florida-----	1	-	1	1	-	1	1	21	16	-	2	-
EAST SOUTH CENTRAL-----	-	3	5	34	-	4	3	62	71	-	8	13
Kentucky-----	-	3	2	28	-	-	1	9	19	-	4	3
Tennessee-----	-	2	4	2	-	3	2	33	20	-	1	2
Alabama-----	-	-	1	-	-	-	-	7	13	-	3	8
Mississippi-----	-	-	-	2	-	1	-	13	19	-	-	-
WEST SOUTH CENTRAL-----	-	1	1	13	1	1	8	103	148	-	15	14
Arkansas-----	-	-	-	1	-	1	1	20	20	-	1	5
Louisiana-----	-	-	1	-	-	-	2	14	56	-	3	-
Oklahoma-----	-	-	1	-	-	-	-	15	7	-	-	-
Texas-----	-	1	-	11	1	-	5	54	65	-	11	9
MOUNTAIN ¹ -----	-	-	-	3	-	1	2	24	49	-	2	-
Montana-----	-	-	-	-	-	-	1	1 ¹	3	-	-	-
Idaho-----	-	-	-	-	-	-	1	4	6	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	2	-	-	-
Colorado-----	-	-	-	3	-	1	-	4	5	-	-	-
New Mexico-----	-	-	-	-	-	-	-	8	18	-	-	-
Arizona-----	-	-	-	-	-	-	-	5	7	-	2	-
Utah-----	-	-	-	-	-	-	-	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	8	-	-	-
PACIFIC-----	-	3	2	39	-	1	1	55	44	2	6	2
Alaska-----	-	-	-	4	-	-	-	2	-	-	-	-
Washington-----	-	-	-	1	-	-	-	1	-	-	-	-
Oregon-----	-	-	-	1	-	1	-	5	7	-	-	-
California-----	-	3	2	3 ₃₃	-	-	1	47	57	2	6	2
Hawaii-----	-	-	-	-	-	-	1	-	1	-	-	-
Puerto Rico-----	-	1	-	1	-	-	1	13	16	-	-	-

¹Data exclude reports from Montana, Utah, and Nevada for the current week.

²Aseptic meningitis.

⁴Includes 3 cases of aseptic meningitis.

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN 114 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

AREA	33d week ended Aug. 22, 1959	32d week ended Aug. 15, 1959	Adjusted average, 33d week 1954-58	Percent change, adjusted average to current week ¹	CUMULATIVE NUMBER FIRST 33 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	² 10,560	² 10,165	9,844	+7.3	² 371,966	371,674	+0.1
New England----- (14 cities)	² 678	665	615	+10.2	² 23,580	23,487	+0.4
Middle Atlantic----- (20 cities)	² 3,231	2,895	2,787	+15.9	² 108,111	107,358	+0.7
East North Central----- (19 cities)	² 2,224	2,101	2,131	+4.4	² 79,074	79,014	+0.1
West North Central----- (9 cities)	² 676	730	710	-4.8	² 25,828	26,265	-1.7
South Atlantic----- (11 cities)	899	855	828	+8.6	32,011	32,488	-1.5
East South Central----- (8 cities)	² 491	485	463	+6.0	² 16,906	17,468	-3.2
West South Central----- (13 cities)	878	929	826	+6.3	31,166	31,653	-1.5
Mountain----- (8 cities)	² 259	² 287	239	+8.4	² 10,460	9,880	+5.9
Pacific----- (12 cities)	1,224	1,218	1,197	+2.3	44,830	44,061	+1.7

¹Adjusted average used as base.

²Includes estimates for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	33d week ended Aug. 22, 1959	32d week ended Aug. 15, 1959	CUMULATIVE NUMBER FIRST 33 WEEKS		AREA	33d week ended Aug. 22, 1959	32d week ended Aug. 15, 1959	CUMULATIVE NUMBER FIRST 33 WEEKS	
			1959	1958				1959	1958
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	231	227	8,012	8,091	St. Louis, Mo.-----	200	211	7,855	8,127
Bridgeport, Conn.-----	41	32	1,352	1,252	St. Paul, Minn.-----	60	64	2,132	2,425
Cambridge, Mass.-----	33	24	949	971	Wichita, Kans.-----	60	50	1,616	1,511
Fall River, Mass.-----	24	26	947	912	SOUTH ATLANTIC:				
Hartford, Conn.-----	33	53	1,641	1,663	Atlanta, Ga.-----	82	109	3,639	3,649
Lowell, Mass.-----	17	24	765	878	Baltimore, Md.-----	229	220	8,116	8,294
Lynn, Mass.-----	25	25	774	750	Charlotte, N. C.-----	23	31	1,214	1,164
New Bedford, Mass.-----	25	19	793	788	Jacksonville, Fla.-----	57	44	1,918	2,039
New Haven, Conn.-----	41	49	1,493	1,509	Miami, Fla.-----	74	67	2,337	2,441
Providence, R. I.-----	68	54	2,155	2,121	Norfolk, Va.-----	41	31	1,313	1,178
Somerville, Mass.-----	16	14	435	462	Richmond, Va.-----	78	56	2,588	2,530
Springfield, Mass.-----	45	42	1,489	1,411	Savannah, Ga.-----	27	38	1,095	1,097
Waterbury, Conn.-----	25	29	919	882	St. Petersburg, Fla.-----	(67)	(40)	(2,137)	(2,215)
Worcester, Mass.-----	54	47	2,856	1,797	Tampa, Fla.-----	45	73	2,082	2,288
MIDDLE ATLANTIC:					WASHINGTON, D. C.-----				
Albany, N. Y.-----	52	37	1,802	1,634	Washington, D. C.-----	206	164	6,437	6,562
Allentown, Pa.-----	35	26	1,163	1,099	Wilmington, Del.-----	37	22	1,272	1,246
Buffalo, N. Y.-----	138	125	4,821	4,998	EAST SOUTH CENTRAL:				
Camden, N. J.-----	58	37	1,379	1,418	Birmingham, Ala.-----	83	87	2,708	2,938
Elizabeth, N. J.-----	34	31	983	982	Chattanooga, Tenn.-----	35	42	1,512	1,636
Erie, Pa.-----	27	40	1,236	1,154	Knoxville, Tenn.-----	20	24	963	917
Jersey City, N. J.-----	81	79	2,486	2,370	Louisville, Ky.-----	199	83	23,706	3,677
Newark, N. J.-----	94	91	3,312	3,192	Memphis, Tenn.-----	118	118	3,711	3,876
New York City, N. Y.-----	1,734	1,449	55,366	54,159	Mobile, Ala.-----	38	39	1,289	1,312
Paterson, N. J.-----	34	52	1,292	1,371	Montgomery, Ala.-----	36	34	1,087	1,125
Philadelphia, Pa.-----	405	457	16,526	17,028	Nashville, Tenn.-----	62	58	1,930	1,987
Pittsburgh, Pa.-----	181	195	6,220	6,421	WEST SOUTH CENTRAL:				
Reading, Pa.-----	28	17	745	721	Austin, Tex.-----	22	30	1,056	1,111
Rochester, N. Y.-----	104	67	3,199	3,349	Baton Rouge, La.-----	25	27	897	938
Schenectady, N. Y.-----	25	26	836	747	Corpus Christi, Tex.-----	15	26	694	706
Scranton, Pa.-----	31	23	2,227	1,162	Dallas, Tex.-----	102	99	3,881	3,837
Syracuse, N. Y.-----	65	43	2,076	2,057	El Paso, Tex.-----	36	35	1,218	1,197
Trenton, N. J.-----	40	49	1,451	1,603	Fort Worth, Tex.-----	57	58	2,112	2,054
Utica, N. Y.-----	30	20	927	891	Houston, Tex.-----	148	160	5,149	5,257
Yonkers, N. Y.-----	35	31	1,064	1,002	Little Rock, Ark.-----	50	50	1,821	1,781
EAST NORTH CENTRAL:					New Orleans, La.-----				
Akron, Ohio-----	51	54	1,959	1,911	New Orleans, La.-----	150	172	5,555	5,922
Canton, Ohio-----	30	30	1,109	1,035	Oklahoma City, Okla.-----	65	76	2,276	2,253
Chicago, Ill.-----	707	678	25,040	25,198	San Antonio, Tex.-----	98	100	3,189	3,270
Cincinnati, Ohio-----	130	128	5,268	5,408	Shreveport, La.-----	60	59	1,697	1,645
Cleveland, Ohio-----	211	190	6,904	6,942	Tulsa, Okla.-----	50	37	1,621	1,682
Columbus, Ohio-----	108	95	3,812	3,730	MOUNTAIN:				
Dayton, Ohio-----	166	47	2,220	2,403	Albuquerque, N. Mex.-----	21	33	1,015	949
Detroit, Mich.-----	315	285	10,827	10,578	Colorado Springs, Colo.-----	13	11	509	494
Evansville, Ind.-----	37	32	1,248	1,302	Denver, Colo.-----	87	104	3,833	3,748
Flint, Mich.-----	28	32	1,321	1,256	Ogden, Utah-----	113	114	523	497
Fort Wayne, Ind.-----	41	51	1,193	1,159	Phoenix, Ariz.-----	51	46	1,707	1,498
Gary, Ind.-----	26	28	2,010	1,080	Pueblo, Colo.-----	14	14	454	416
Grand Rapids, Mich.-----	34	36	1,396	1,373	Salt Lake City, Utah-----	36	44	1,636	1,596
Indianapolis, Ind.-----	116	120	4,608	4,225	Tucson, Ariz.-----	24	21	783	682
Madison, Wis.-----	(29)	---	---	(1,082)	PACIFIC:				
Milwaukee, Wis.-----	117	105	4,230	4,410	Berkeley, Calif.-----	11	19	567	629
Peoria, Ill.-----	22	17	957	1,065	Fresno, Calif.-----	(34)	(39)	(1,322)	(1,274)
Rockford, Ill.-----	(32)	(24)	(933)	(885)	Glendale, Calif.-----	(35)	(33)	(1,196)	(1,114)
South Bend, Ind.-----	27	32	885	882	Long Beach, Calif.-----	50	52	1,834	1,822
Toledo, Ohio-----	88	97	3,305	3,307	Los Angeles, Calif.-----	431	427	16,060	16,116
Youngstown, Ohio-----	70	44	1,782	1,750	Oakland, Calif.-----	93	95	3,066	3,083
WEST NORTH CENTRAL:					Pasadena, Calif.-----				
Des Moines, Iowa-----	64	39	1,769	1,816	Pasadena, Calif.-----	31	20	1,061	1,169
Duluth, Minn.-----	20	20	851	852	Portland, Ore.-----	112	70	3,726	3,318
Kansas City, Kans.-----	26	36	2,147	873	Sacramento, Calif.-----	53	56	1,829	1,722
Kansas City, Mo.-----	99	124	3,962	4,087	San Diego, Calif.-----	71	76	2,692	2,733
Lincoln, Nebr.-----	(28)	(24)	(856)	(834)	San Francisco, Calif.-----	183	181	6,483	6,245
Minneapolis, Minn.-----	94	124	4,115	4,213	San Jose, Calif.-----	---	(21)	---	(743)
Omaha, Nebr.-----	53	62	2,381	2,361	Seattle, Wash.-----	107	134	4,467	4,452
					Spokane, Wash.-----	56	45	1,656	1,527
					Tacoma, Wash.-----	26	43	1,389	1,265
					Honolulu, Hawaii-----	(40)	(34)	(1,246)	(1,220)

¹Estimated.

²Includes estimate for current week.

³Includes estimate for current week and previous week.

EPIDEMIOLOGICAL REPORTS—Continued

hours after eating. No samples of food were left for laboratory examination. There was no history of illness in the foodhandlers in either of these 2 outbreaks. One of the 4 reports of food poisoning in private homes stated that illness developed on consecutive days in 2 separate families several hours after eating chocolate eclairs purchased from the same market. Another report stated that 15 persons became ill after eating turkey, chicken soup, and fish balls. The incubation period ranged from 9 to 18 hours. Paracolon, staphylococcal, and Proteus organisms were isolated from these food items. The menu of the meals related to the other 2 outbreaks included chipped beef with gravy in one instance and wieners served with vegetables and mayonnaise in the other. The mayonnaise had been opened several days earlier and then kept unrefrigerated.

QUARANTINE MEASURES

Immunization Information for International Travel
No changes reported

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EXPLANATION OF SYMBOLS USED IN TABLES	
Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	()

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

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